

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| S452 | 31 | S451 and (("sio.sub.2" or (silicon adj dioxide) or mgf or "mgf.sub.2" or "caf.sub.2" or ((calcium or magnesium) adj fluoride) or (aluminum adj oxide) or "al.sub.2 o.sub.3") with substrate) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:18 |
| S450 | 58 | ((oled or (organic near3 (diode or led)))ab.) and (("sio.sub.2" or (silicon adj dioxide) or mgf or "mgf.sub.2" or "caf.sub.2" or ((calcium or magnesium) adj fluoride) or (aluminum adj oxide) or "al.sub.2 o.sub.3") with substrate) and (substrate.clm.) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:18 |
| S305 | 30 | S304 and (("sio.sub.2" or (silicon adj dioxide) or mgf or "mgf.sub.2" or "caf.sub.2" or ((calcium or magnesium) adj fluoride) or (aluminum adj oxide) or "al.sub.2 o.sub.3") with substrate) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:18 |
| S451 | 31 | S450 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:19 |
| S457 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((low adj (refractive or refraction)) near2 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:20 |
| S455 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((low adj (refractive or refraction)) near substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:20 |
| S454 | 21 | S453 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:20 |
| S453 | 26 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((low adj (refractive or refraction)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:20 |

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| S46 3 | 27 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((refractive or refraction)) near3 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S46 2 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((((refractive or refraction)) near3 (carrier or support or supporting or ceramic)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S46 1 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((((refractive or refraction)) near (carrier or support or supporting or ceramic)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S46 0 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((low adj (refractive or refraction)) near (carrier or support or supporting or ceramic)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S45 9 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((low adj (refractive or refraction)) near3 (carrier or support or supporting or ceramic)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |

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| S45 8 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((low adj (refractive or refraction)) near3 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S45 6 | 0 | S455 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:21 |
| S46 4 | 17 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((refractive or refraction)) near2 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:23 |
| S47 1 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((((refractive or refraction) near (layer or film)) near3 (carrier or support or supporting or ceramic or base)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:24 |
| S46 8 | 0 | S467 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:24 |
| S46 7 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((((refractive or refraction) near (layer or film)) near2 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:24 |
| S47 4 | 0 | S473 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:25 |

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| S473 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and ((((refractive or refraction) near (layer or film)) near3 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:25 |
| S472 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and ((((refractive or refraction) near (layer or film)) near3 (carrier or support or supporting or ceramic or base)) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:25 |
| S470 | 0 | S469 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:25 |
| S469 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and ((((refractive or refraction) near (layer or film)) near3 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 18:25 |
| S465 | 9 | S464 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:27 |
| S475 | 0 | ((diode or element or led) adj (formed) adj (low adj (refraction or refractive) adj (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:28 |
| S476 | 0 | ((diode or element or led) adj formed) with (low adj (refraction or refractive) adj (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:29 |
| S479 | 10 | ((diode or element or led) with (low adj (refraction or refractive) adj (layer or film)) with (substrate or carrier)) | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:30 |
| S478 | 15 | S477 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:30 |
| S477 | 21 | ((diode or element or led) with (low adj (refraction or refractive) adj (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 12:30 |

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| S480 | 9 | S479 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:22 |
| S482 | 18 | S481 and ((diode or led or element) with aerogel) | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:27 |
| S481 | 88 | (aerogel near substrate) and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:27 |
| S487 | 0 | S486 and display | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:28 |
| S486 | 18 | S485 not S483 | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:28 |
| S483 | 5 | S481 and ((diode or led or element) with (aerogel near (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:31 |
| S488 | 1 | S481 and ((light\$1emitter or light\$1emitting or (light adj (emitter or emitting))) with (aerogel near (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:33 |
| S490 | 0 | S484 and ((light\$1emitter or light\$1emitting or (light adj (emitter or emitting))) with ((solgel or gel) near (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:35 |
| S489 | 1 | (light\$1emitter or light\$1emitting or (light adj (emitter or emitting))) and "6740416".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:35 |
| S485 | 18 | S484 and ((diode or led or element) with ((solgel or gel) near (layer or film))) | US-PGPUB; USPAT | OR | ON | 2005/10/21 17:35 |
| S484 | 1151 | ((solgel or gel) near substrate) and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:45 |
| S466 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and (((refractive or refraction) near (layer or film)) near2 substrate) with (tft or transistor or mosfet or misfet or switching or switch or fet or igfet)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:45 |
| S496 | 470 | ((low adj (refractive or refracting)) near3 substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:46 |
| S495 | 244 | S494 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:46 |

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| S49 4 | 359 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and S493 | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:46 |
| S49 9 | 167 | ((low adj (refractive or refracting)) with substrate with (coated or coat or coated)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:47 |
| S49 8 | 65 | S497 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:47 |
| S49 7 | 99 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and S496 | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:47 |
| S49 3 | 1639 | ((low adj (refractive or refracting)) with substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:47 |
| S50 1 | 43 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting)) and S500 | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:51 |
| S50 2 | 20 | S501 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:52 |
| S50 6 | 53 | ((aerogel near (film or layer)) with substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:54 |
| S50 5 | 2 | S504 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:54 |
| S50 4 | 3 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S503 | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:54 |
| S50 3 | 37 | ((low adj (refractive or refracting or refraction)) with substrate with (match or matching or matched)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 17:54 |
| S51 0 | 5 | ("4534622" "5275967" "5668649" "6208390" "6607277"):PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 18:25 |
| S50 9 | 1 | "6858983" | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:25 |
| S51 1 | 456 | ((refractive or refracting or refraction) with substrate near (coated or coat or coated)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:26 |

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| S508 | 8 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S507 | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:26 |
| S500 | 174 | ((low adj (refractive or refracting or refraction)) with substrate with (coated or coat or coated)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:26 |
| S514 | 92 | S513 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:27 |
| S512 | 456 | ((refractive or refracting or refraction) with (substrate near (coated or coat or coated))) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:27 |
| S507 | 45 | S506 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:27 |
| S516 | 4 | S515 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:29 |
| S513 | 110 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S512 | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:29 |
| S524 | 5 | (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S522 | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:30 |
| S519 | 3 | S518 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:30 |
| S518 | 8 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S517 | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:30 |
| S515 | 5 | ((aerogel or gel) with (refractive or refracting or refraction) with (substrate near (coated or coat or coated))) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:30 |
| S527 | 32 | S526 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:31 |
| S525 | 228 | (aerogel with substrate not (aerogel adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:31 |

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| S523 | 0 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S522 | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:31 |
| S520 | 388 | (((aerogel or gel) with ((formed or deposited) adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/08 18:31 |
| S521 | 15 | (((aerogel) with ((formed or deposited) adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:23 |
| S529 | 30 | (((aero\$1gel or (gel near (aero or silica))) with ((formed or deposited) adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:24 |
| S526 | 50 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S525 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:24 |
| S517 | 47 | (((low adj (refractive or refracting or refraction)) with (substrate near (coated or coat or coated))) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:24 |
| S533 | 580 | ((((low adj (refractive or refracting or refraction)) near (layer or film)) with substrate not (low adj (refractive or refracting or refraction) adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:25 |
| S532 | 156 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S531 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:25 |
| S531 | 581 | ((((low adj (refractive or refracting or refraction)) near (layer or film)) with substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:25 |
| S530 | 1 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S529 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:25 |
| S535 | 11 | (aerogel or (gel near silica)) and S534 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:26 |
| S528 | 30 | (((aerogel or (gel near silica)) with ((formed or deposited) adj substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:26 |
| S522 | 14 | S521 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:26 |

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| S53 6 | 3 | S535 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:27 |
| S53 4 | 156 | (display) and (diode or led or electroluminescent or electroluminescence or luminescent or luminescence or (light adj emitting) or oled) and S533 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:27 |
| S53 9 | 25 | S538 and (tft or (((thin adj film) or thin\$1film) near transistor)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:33 |
| S54 2 | 32 | S541 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:35 |
| S54 1 | 43 | (display.ab. or display.clm. or display.ti.) and S540 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:35 |
| S54 0 | 77 | ((tft or (((thin adj film) or thin\$1film) near transistor)) with (anti\$1reflective or anti\$1reflection or (anti adj (reflection or reflecting or reflective)) or anti\$1reflecting) with substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:35 |
| S53 7 | 161 | (display.ab. or display.clm. or display.ti.) and S533 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:35 |
| S54 3 | 77 | ((tft or (((thin adj film) or thin\$1film) near transistor)) with (anti\$1reflective or anti\$1reflection or (anti adj (reflection or reflecting or reflective)) or anti\$1reflecting) with substrate) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:36 |
| S54 8 | 34 | (display.ab. or display.clm. or display.ti.) and S547 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:37 |
| S54 7 | 43 | ((tft or (((thin adj film) or thin\$1film) near transistor)) with ((anti\$1reflective or anti\$1reflection or (anti adj (reflection or reflecting or reflective)) or anti\$1reflecting or ar) near2 substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:37 |
| S54 6 | 7 | ((tft or (((thin adj film) or thin\$1film) near transistor)) with ((anti\$1reflective or anti\$1reflection or (anti adj (reflection or reflecting or reflective)) or anti\$1reflecting) near2 substrate)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:37 |
| S54 5 | 32 | (display.ab. or display.clm. or display.ti.) and S544 | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:37 |
| S54 4 | 61 | S543 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:37 |

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| S55 2 | 33 | S551 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:43 |
| S55 1 | 38 | ((buffer or buffering) with substrate with (low adj (refractive or refracting or refraction)) not (low adj (refractive or refracting or refraction) adj substrate).) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:43 |
| S54 9 | 20 | S548 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:43 |
| S55 3 | 29 | S528 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:49 |
| S53 8 | 112 | S537 and (@ad<"20020709" or @rlad<"20020709") | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:49 |
| S55 4 | 2 | S553 and (("349"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:53 |
| S55 7 | 19 | S556 and display | US-PGPUB; USPAT; EPO | OR | ON | 2005/11/10 14:12 |
| S55 6 | 19 | (US-20020047567-\$ or US-20020105267-\$ or US-20020149724-\$ or US-20020154252-\$ or US-20030116719-\$ or US-20030127974-\$ or US-20030160247-\$ or US-20040004224-\$ or US-20040066363-\$).did. or (US-5313075-\$ or US-5429962-\$ or US-6020599-\$ or US-6218679-\$ or US-6538390-\$ or US-6559906-\$ or US-6586876-\$ or US-6740416-\$ or US-6762553-\$).did. or (WO-3073526-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2005/11/10 14:12 |